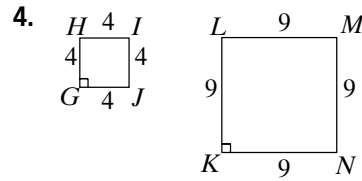
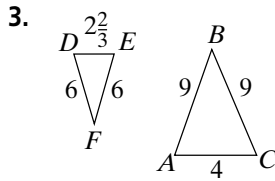
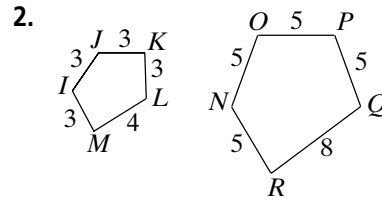
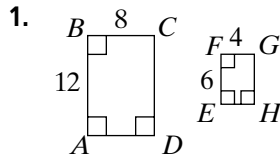


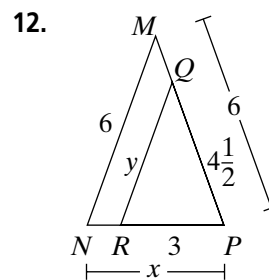
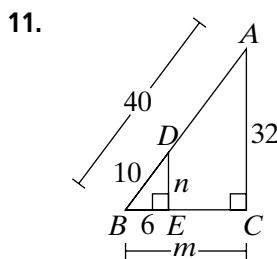
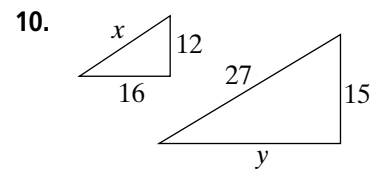
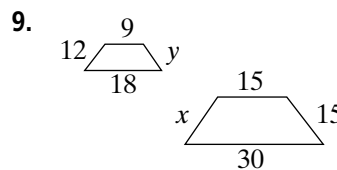
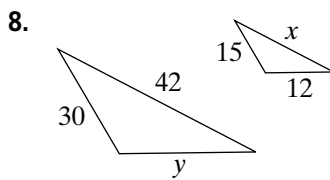
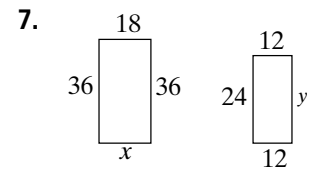
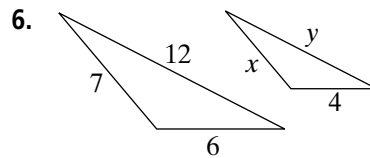
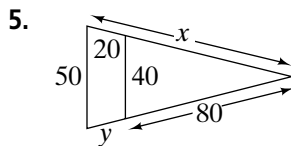
Practice 4-4

Similar Figures and Proportions

Tell whether each pair of polygons is similar. Explain why or why not.



Exercises 5–12 show pairs of similar polygons. Find the unknown lengths.



Solve.

13. A rock show is being televised. The lead singer, who is 75 inches tall, is 15 inches tall on a TV monitor. The image of the bass player is 13 inches tall on the monitor. How tall is the bass player?

14. A 42-inch-long guitar is 10.5 feet long on a stadium screen. A drum is 21 inches wide. How wide is the image on the stadium screen?